

Title (en)
LINEAR ACTUATOR

Title (de)
LINEARER AKTUATOR

Title (fr)
ACTIONNEUR LINÉAIRE

Publication
EP 3348857 B1 20190911 (EN)

Application
EP 18250002 A 20180111

Priority
GB 201700561 A 20170112

Abstract (en)

[origin: GB2554773A] The invention relates to a linear actuator comprising a cylinder portion 201 and a base portion 202. The cylinder portion comprises a housing 203 defining internally a compression chamber for containing a fluid and comprising a piston 204 assembly that can reciprocate within the compression chamber. The housing further defines a cylinder port (302, see fig. 3B) in fluid communication with said compression chamber. The base portion defines a first base port and a second base port and a passage extending therebetween fluidly communicating the first base port 208a with the second base port (301, see fig. 3A). The cylinder portion is releasably engageable with the base portion such that the cylinder portion and the base portion may be arranged in an engaged condition. The linear actuator may, when in an engaged condition, allow said cylinder port and said second base portion to be in fluid communication. The linear actuator may further comprise a valve means suitable for controlling the flow of fluid through said second base port.

IPC 8 full level
B21D 24/14 (2006.01); **F16F 9/02** (2006.01); **F16F 9/32** (2006.01)

CPC (source: EP GB US)
B21D 24/14 (2013.01 - EP US); **B30B 1/34** (2013.01 - US); **B30B 1/38** (2013.01 - US); **B30B 15/06** (2013.01 - GB); **F15B 15/00** (2013.01 - GB);
F15B 15/1428 (2013.01 - US); **F15B 15/1452** (2013.01 - US); **F16F 9/02** (2013.01 - GB); **F16F 9/0281** (2013.01 - US);
F16F 9/3242 (2013.01 - EP US); **F16F 9/325** (2013.01 - EP US); **F16F 15/0232** (2013.01 - EP US)

Citation (examination)

- JP 2009103220 A 20090514 - SUMITOMO CONSTR MACHINERY MFG
- JP H09136196 A 19970527 - UENO SEIKI KK
- DE 3635390 A1 19880421 - RAUMA REPOLA OY [FI]
- US 4110868 A 19780905 - IMAZAIKE YASUTAKA
- US 4664362 A 19870512 - HENNELLS RANSOM J [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

GB 2554773 A 20180411; GB 2554773 B 20181212; EP 3348857 A1 20180718; EP 3348857 B1 20190911; ES 2761863 T3 20200521;
US 10502241 B2 20191210; US 2018195535 A1 20180712

DOCDB simple family (application)

GB 201700561 A 20170112; EP 18250002 A 20180111; ES 18250002 T 20180111; US 201815866921 A 20180110